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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/051,353

01/18/2002

Jonathan S. Black

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EXAMINER

WEIS, SAMUEL

ART UNIT

PAPER NUMBER

3691

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
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3 MONTHS

04/05/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

Office Action Summary	Application No. 10/051,353	Applicant(s) BLACK ET AL.	
	Examiner Samuel S. Weis	Art Unit 3691	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 January 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 18 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☒ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>July 31, 2003</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This is in response to the Applicant's application filed on January 18, 2002.

Claims 1-23 have been examined.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-23 are rejected under 35 U.S.C. § 102(e) as being anticipated by Sawaguchi, U.S. Pat. No. 6,931,538.

As to claim 1, Sawaguchi discloses a method of operating a self service terminal comprising:

detecting one or more characteristics of a mobile computing device in the vicinity of an

SST (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); and

configuring an SST user interface dependent on the detected characteristics (i.e. end

user uses his own portable communication terminal device to utilize an ATM online

system and access a service system provide by each of the companies including banks)

(col. 8, lines 4-8).

As to claim 2, Sawaguchi discloses the method of claim 1, wherein the detection step includes the step of detecting those devices which do not belong to a user currently interacting with the SST (i.e. a twenty-four hour a day service company receives this information) (col. 9, lines 61-62).

As to claim 3, Sawaguchi discloses the method of claim 2, further comprising the step of determining the configuration of the SST user interface dependent on the detected characteristics of those devices which do not belong to a user currently interacting with the SST before the user begins to interact with the SST (i.e. a twenty-four hour a day service company receives this information and notifies competent center nearest the accident site of the position of the car) (col. 9, lines 61-65).

As to claim 4, Sawaguchi discloses the method of claim 3 further comprising the step of ordering a plurality of determined configurations in accordance with the time that each detected device has been in the vicinity of the SST (i.e. if GPS cannot be received, present position can be checked by map matching in which data from an optical fiber gyro included in car navigation) (col. 10, lines 3-5).

As to claim 5, Sawaguchi discloses the method of claim 1, further comprising the step of displaying advertisements or other information selected according to the detected characteristics of a mobile device (i.e. information such as accident site of the car, name and address of driver, and number of car can be sent) (col. 9, lines 63-65).

As to claim 6, Sawaguchi discloses a method of operating a self service terminal comprising:

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detecting selected capabilities of a mobile computing device in the vicinity of an SST (i.e. portable communication terminal device searches the menu of commodities and receives it from the distribution related system) (col. 8, lines 12-14); and selecting features of a user interface to be presented to a user dependent on the detected capabilities of the mobile computing device (i.e. portable communication terminal device selects a commodity which end user wants to buy and specifies the name of the commodity and a settlement method) (col. 8, lines 15-17).

As to claim 7, Sawaguchi discloses a method of operating a self service terminal comprising:

detecting a mobile computing device and the identity of a user thereof in the vicinity of an SST (i.e. the above authentication for his bank savings account is sent automatically to the user's bank by the portable communication terminal device) (col. 8, lines 43-45); retrieving a user profile associated with the identity (i.e. accessing the personal information area written into a fixed area in the flash memory) (col. 8, lines 45-47); and selecting features of a user interface to be presented to a user dependent on the user profile (i.e. selecting a menu based on the type of transaction chosen by the end user) (col. 8, lines 29 and 62).

As to claim 8, Sawaguchi discloses a method of operating a self service terminal comprising:

detecting a characteristic of a mobile computing device in the vicinity of an SST while the SST is interacting with a third party (i.e. notifying system mounting equipment automatically sends information) (col. 9, lines 59-60);

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selecting features of a user interface to be presented to a user dependent on the characteristic (i.e. a twenty-four hour a day service company receives this information) (col. 9, lines 61-62); and

presenting a selected user interface to a user once the third party has ceased interacting with the SST (i.e. driver himself can release the notifying system) (col. 10, lines 10-11).

As to claim 9, Sawaguchi discloses a self service terminal comprising:

a configurable user interface;

means for detecting a characteristic of a mobile computing device in the SST (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); and

means for determining the configuration of the user interface to be presented the detected characteristic (i.e. end user uses his own portable communication terminal device to utilize an ATM online system and access a service system provide by each of the companies including banks) (col. 8, lines 4-8).

As to claim 10, Sawaguchi discloses a self service terminal comprising:

a configurable user interface (i.e. portable communication terminal device) (col. 6, line 7);

means for detecting at least one characteristic of a mobile computing device in the vicinity of the self-service terminal (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); and

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means for configuring the user interface based upon the detected characteristic of the mobile computing device (i.e. end user uses his own portable communication terminal device to utilize an ATM online system and access a service system provide by each of the companies including banks) (col. 8, lines 4-8).

As to claim 11, Sawaguchi discloses the self-service terminal according to claim 10, further comprising means for displaying advertisements or other information selected based upon the detected characteristic of the mobile computing device (i.e. information such as accident site of the car, name and address of driver, and number of car can be sent) (col. 9, lines 63-65).

As to claim 12, Sawaguchi discloses a self service terminal comprising:
a user interface (i.e. portable communication terminal device) (col. 6, line 7);
means for detecting selected capabilities of a mobile computing device in the vicinity of the self-service terminal (i.e. the above authentication for his bank savings account is sent automatically to the user's bank by the portable communication terminal device) (col. 8, lines 43-45); and

means for selecting features of the user interface to be presented to a user based upon the detected capabilities of the mobile computing device (i.e. portable communication terminal device selects a commodity which end user wants to buy and specifies the name of the commodity and a settlement method) (col. 8, lines 15-17).

As to claim 13, Sawaguchi discloses a self service terminal comprising:
user interface (i.e. portable communication terminal device) (col. 6, line 7);

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means for detecting a mobile computing device and the identity of a user thereof in the vicinity of the self-service terminal (i.e. the above authentication for his bank savings account is sent automatically to the user's bank by the portable communication terminal device) (col. 8, lines 43-45);

means for retrieving a user profile associated with the identity of the user (i.e. accessing the personal information area written into a fixed area in the flash memory) (col. 8, lines 45-47); and

means for selecting features of the user interface to be presented to the user based upon the retrieved user profile (i.e. end user uses his own portable communication terminal device to utilize an ATM online system and access a service system provide by each of the companies including banks) (col. 8, lines 4-8).

As to claim 14, Sawaguchi discloses a self service terminal comprising:

a user interface (i.e. portable communication terminal device) (col. 6, line 7);

means for detecting a characteristic of a mobile computing device in the vicinity of self-service terminal while the self-service terminal is interacting with a third party (i.e. notifying system mounting equipment automatically sends information) (col. 9, lines 59-60);

means for selecting features of the user interface to be presented to a user based upon the detected characteristic (i.e. a twenty-four hour a day service company receives this information) (col. 9, lines 61-62); and

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means for presenting the selected features of the user interface to the user once the third party has ceased interacting with the self-service terminal (i.e. driver himself can release the notifying system) (col. 10, lines 10-11).

As to claim 15, Sawaguchi discloses an automated teller machine comprising: an ATM customer interface including a currency dispenser for dispensing currency to an ATM customer (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); means for detecting at least one characteristic of a mobile computing device in the vicinity of the ATM (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); and means for configuring the ATM customer interface based upon the detected characteristic of the mobile computing device (i.e. end user uses his own portable communication terminal device to utilize an ATM online system and access a service system provide by each of the companies including banks) (col. 8, lines 4-8).

As to claim 16, Sawaguchi discloses an ATM according to claim 15, wherein the detecting means includes means for detecting mobile computing devices other than those belonging to an ATM customer currently interacting with the ATM (i.e. a twenty-four hour a day service company receives this information) (col. 9, lines 61-62).

As to claim 17, Sawaguchi discloses an ATM according to claim 16, further comprising mean for determining the configuration of the ATM customer interface based upon detected characteristics of mobile computing devices belonging to other than an ATM customer currently interacting with the ATM before the ATM customer begins to

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interact with the ATM (i.e. a twenty-four hour a day service company receives this information and notifies competent center nearest the accident site of the position of the car) (col. 9, lines 61-65).

As to claim 18, Sawaguchi discloses an ATM according to claim 17, further comprising means for ordering a plurality of determined configurations based upon the time that each detected mobile computing device has been in the vicinity of the ATM (i.e. selecting a menu based on the type of transaction chosen by the end user) (col. 8, lines 29 and 62).

As to claim 19, Sawaguchi discloses an ATM according to claim 15, further comprising means for displaying advertisements or other information selected based upon the detected characteristic of the mobile computing device (i.e. information such as accident site of the car, name and address of driver, and number of car can be sent) (col. 9, lines 63-65).

As to claim 20, Sawaguchi discloses an automated teller machine comprising: an ATM customer interface including a currency dispenser for dispensing currency to an ATM customer (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); means for detecting selected capabilities of a mobile computing device in the vicinity of the ATM (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); and means for selecting features of the ATM customer interface to be presented to an ATM customer based upon the detected capabilities of the mobile computing device (i.e. end

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user uses his own portable communication terminal device to utilize an ATM online system and access a service system provide by each of the companies including banks) (col. 8, lines 4-8).

As to claim 21, Sawaguchi discloses an automated teller machine comprising: an ATM customer interface including a currency dispenser for dispensing means for detecting a mobile computing device and the identity of an ATM customer carrying the mobile computing device in the vicinity of the ATM (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58);

means for retrieving a customer profile associated with the identity of the ATM customer (i.e. accessing the personal information area written into a fixed area in the flash memory) (col. 8, lines 45-47); and

means for selecting features of the ATM customer interface to be presented to the ATM customer based upon the retrieved customer profile (i.e. selecting a menu based on the type of transaction chosen by the end user) (col. 8, lines 29 and 62).

As to claim 22, Sawaguchi discloses an automated teller machine comprising: an ATM customer interface including a currency dispenser for dispensing means for detecting a characteristic of a mobile computing device in the vicinity of the ATM while the ATM is interacting with a third party (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58);

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means for selecting features of the ATM customer interface to be presented to an ATM customer based upon the detected characteristic (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); and

means for presenting the selected features of the ATM customer interface to the ATM customer once the third party has ceased interacting with the ATM (i.e. selecting a menu based on the type of transaction chosen by the end user) (col. 8, lines 29 and 62).

As to claim 23, Sawaguchi discloses an automated teller machine comprising: a configurable ATM customer interface including a currency dispenser for dispensing currency to an ATM customer (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58);

means for detecting a characteristic of a mobile computing device in the vicinity of the ATM (i.e. portable communication terminal device, being a mobile device, is connected to the ATM equipment via a public network) (col. 6, lines 53-58); and

means for determining the configuration of the ATM customer interface to be presented to an ATM customer based upon the detected characteristic of the mobile computing device in the vicinity of the ATM (i.e. selecting a menu based on the type of transaction chosen by the end user) (col. 8, lines 29 and 62).

Conclusion

The following U.S. patents and publications are included as pertinent prior art:

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6,311,165

6,944,138

7,069,018


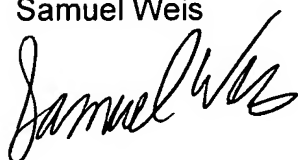
2002/0013771

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Samuel S. Weis whose telephone number is (571) 272-1882. The examiner can normally be reached on 8:30 to 5, Monday - Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Alexander Kalinowski can be reached on (571) 272-6771. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Samuel Weis



LALITA M. HAMILTON
PRIMARY EXAMINER